

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007028.D
 Acq On : 11 Aug 2016 18:57
 Operator : UM/SJ
 Sample : SSTD01047
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01047

Quant Time: Aug 12 01:29:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	166481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	686492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	444994	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1123862	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1508792	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1582840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	16252	5.11	ng/uL	0.00
5) Phenol-d5	6.97	99	127103	10.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	77457	9.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	105235	10.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	106353	10.36	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	47724	10.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	48549	8.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	109055	9.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	133156	10.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	369688	10.03	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	432206	9.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	60306	7.61	ng/ul	0.00
57) Fluorene-d10	15.43	176	324971	9.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	48694	6.85	ng/ul	0.00
70) Anthracene-d10	17.28	188	523766	9.76	ng/ul	0.00
76) Pyrene-d10	19.57	212	636453	8.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	711279	9.30	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	16704	4.76 ng/uL	97
4) Benzaldehyde	6.96	77	88132	10.68 ng/ul	100
6) Phenol	7.00	94	139135	10.46 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.24	93	105445	11.07 ng/ul	97
10) 2-Chlorophenol	7.37	128	108388	10.83 ng/ul	98
11) 2-Methylphenol	8.25	108	101661	9.91 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	123116	6.59 ng/ul	99
14) Acetophenone	8.63	105	171562	9.66 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	90874	10.40 ng/ul	95
16) 4-Methylphenol	8.57	108	113720	10.16 ng/ul	98
17) Hexachloroethane	8.89	117	45878	9.16 ng/ul	95
20) Nitrobenzene	9.00	77	124843	8.65 ng/ul	98
21) Isophorone	9.53	82	240953	10.23 ng/ul	99
23) 2-Nitrophenol	9.72	139	53634	9.10 ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	133303	9.35 ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.01	93	144837	11.15 ng/ul	96
27) 2,4-Dichlorophenol	10.24	162	109848	10.09 ng/ul	96
28) Naphthalene	10.65	128	340764	9.98 ng/ul	99
30) 4-Chloroaniline	10.76	127	137484	10.94 ng/ul	98
31) Hexachlorobutadiene	10.93	225	81445	8.20 ng/ul	96
32) Caprolactam	11.50	113	34502	10.65 ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	118949	9.66 ng/ul	98
34) 2-Methylnaphthalene	12.26	142	266180	9.76 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	154490	8.92	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	93399	9.21	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	95722	8.99	ng/ul	93
39) 2,4,5-Trichlorophenol	12.93	196	101328	9.85	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	357136	9.79	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	276683	9.68	ng/ul	99
42) 2-Nitroaniline	13.52	65	74661	7.50	ng/ul	99
44) Dimethylphthalate	13.90	163	369649	10.13	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	66174	9.26	ng/ul	93
47) Acenaphthylene	14.16	152	451159	9.86	ng/ul	99
48) 3-Nitroaniline	14.34	138	62801	9.94	ng/ul	96
49) Acenaphthene	14.50	153	292566	9.82	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	31859	7.36	ng/ul	94
52) 4-Nitrophenol	14.64	109	60503	5.96	ng/ul	90
53) Dibenzofuran	14.84	168	436832	9.52	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	101302	9.05	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	97456	8.92	ng/ul	97
56) Diethylphthalate	15.27	149	388661	10.22	ng/ul	99
58) Fluorene	15.49	166	363189	9.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	192374	9.02	ng/ul	99
60) 4-Nitroaniline	15.50	138	76040	11.28	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	53494	7.21	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	320569	9.95	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	125716	9.26	ng/ul	100
66) Hexachlorobenzene	16.49	284	144134	9.76	ng/ul	98
67) Atrazine	16.65	200	127663	9.30	ng/ul	97
68) Pentachlorophenol	16.83	266	79513	9.39	ng/ul	98
69) Phenanthrene	17.23	178	606864	9.81	ng/ul	99
71) Anthracene	17.32	178	626103	9.83	ng/ul	99
72) Carbazole	17.59	167	554761	10.00	ng/ul	99
73) Di-n-butylphthalate	18.16	149	650355	10.69	ng/ul	99
74) Fluoranthene	19.24	202	775732	9.76	ng/ul	98
77) Pyrene	19.60	202	843734	8.80	ng/ul	99
78) Butylbenzylphthalate	20.51	149	307799	9.07	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	289203	10.07	ng/ul	99
80) Benzo(a)anthracene	21.35	228	900848	9.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	478833	10.11	ng/ul	98
82) Chrysene	21.40	228	820767	10.14	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	821075	8.46	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	967137	9.68	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	898220	9.38	ng/ul	99
88) Benzo(a)pyrene	23.54	252	906082	9.60	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	1089855	9.66	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	925380	9.56	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	904200	9.88	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

